

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

#### NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Regency Plus, Inc. 1024 Locust Gap Highway Mount Carmel, PA 17851

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "5305 Tilt" White PVC Double Hung Window -- L.M.I.

APPROVAL DOCUMENT: Drawing No. RPLS0064, titled "Series 5305 Tilt Double Hung Impact Vinyl Window", sheets 1 through 8 of 8, dated 01/12/09, with revision E dated 12/07/13, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

#### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 12-0223.11 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

(MIAMI-DADE COUNTY)
APPROYED

1/1/1/14

NOA No. 13-1007.10 Expiration Date: May 06, 2019 Approval Date: December 05, 2013 Page 1

#### Regency Plus, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA#09-0122.05)
- 2. Drawing No RPLS0064, titled "Series 5305 Tilt Double Hung Impact Vinyl Window", sheets 1 through 8 of 8, dated 01/12/09, with revision E dated 12/07/13, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.

#### B. TESTS

- 1. Test report on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of series 5305 tilt double hung vinyl window, prepared by National Certified Testing Laboratories, Test Report No. NCTL-110-11422-2, dated 10/02/08, with revision dated 01/08/09, and addendum letter dated 03/12/09, all signed and sealed by Harold E. Rupp, P.E. (Submitted under NOA#09-0122.05)

#### C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 2007, prepared by PTC, LLC, dated 01/12/09 and 04/02/09, signed and sealed by Paul E. Winter, P.E.
  - (Submitted under NOA#09-0122,05)
- 2. Glazing complies with ASTM E1300-04

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13-0129.27 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 04/11/13, expiring on 12/11/16.
- 2. Notice of Acceptance No. 12-1120.02, issued to Royal Window and Door Profiles, Plant 13, for their White Rigid PVC Exterior Extrusions, approved on 02/28/13, expiring on 02/28/18.

Manuel Perez, P.E. Product Control Examiner NOA No. 13-1007.10

Expiration Date: May 06, 2019 Approval Date: December 05, 2013

#### Regency Plus, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated February 07, 2012, signed and sealed by Robert J. Amoruso, P.E. (Submitted under previous NOA#12-0223.11)
- 2. Laboratory compliance letter in the Test Report no. NCTL-110-11422-2, issued by National Certified Testing Laboratories, dated 10/02/08 revision dated 01/08/09, signed and sealed by Harold E. Rupp, P.E. (Submitted under NOA#09-0122.05)

#### G. OTHER

1. Notice of Acceptance No. 12-0223.11, issued to Regency Plus, Inc. for their Series "5305 Tilt" White PVC Double Hung Window – L.M.I., approved on 04/19/12 and expiring on 05/06/14.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1007.10
Expiration Date: May 06, 2019

Approval Date: December 05, 2013

# **REGENCY PLUS** SERIES 5305 TILT DOUBLE HUNG IMPACT VINYL WINDOW INSTALLATION ANCHORAGE DETAILS

#### **GENERAL NOTES:**

- 1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC) AND AT THE DESIGN PRESSURE STATED HEREIN.
- 2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT# NCTL-110-11422-2 DATED 12/01/08, ADDENDUM DATED 11//05/08 AND ADDENDUM II DATED 03/10/09 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
- 3. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AGENCY HAVING JURISDICTION (AHJ).
- 4. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AHJ.

- 5. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- 6. WINDOW FRAME AND PANEL MATERIAL: RIGID VINYL PVC PER NOA # 12-1120.02.
- 7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1. SEE SHEET 6 FOR GLAZING DETAIL.
- 8. DESIGNATION "X" STANDS FOR THE FOLLOWING: X: OPERABLE PANEL
- 9. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.0) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

#### **INSTALLATION NOTES:**

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT, MINIMUM EDGE DISTANCE IS 7/8
- 5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 3/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT, MINIMUM EDGE DISTANCE IS 2-5/8 INCHES, MINIMUM ANCHOR SEPARATION IS 2 1/4 INCH.
- 6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.

- 7. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
- A. WOOD PRESSURE TREATED (PT) SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55. LUMBER MUST COMPLY WITH FBC SECTIONS 2411,3,3,3 AND 2326.2 AS TO WOOD PROTECTION.
- 1 B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3192 psl. AND COMPLIES WITH ACI 301. C. MASONRY - STRENGTH CONFORMANCE TO ASTM

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		MODINE WINDOW	TES	DATE: 4142100	6071 /1	DRAWING NO: RPLS0064	SHEET: 1 OF 8
REGENCY PLUS 1024 LOCUST GAP HIGHWAY	MT. CARMEL, PA 17851	HUNG IMPACT V	STALLATION NC	DRAWN BY:	0	SCALE: N.T.S.	Rev: E
REGEN 1024 LOCUST	MT. CARME	TITE SERIES 5305 TILT DOUBLE HUNG IMPACT VINYL WINDOW	GENERAL AND INSTALLATION NOTES			PTC Product Design Group, LLC	321-690-1788 Info@pte-corp.com FBPE Cert. of Auth. No. 25935
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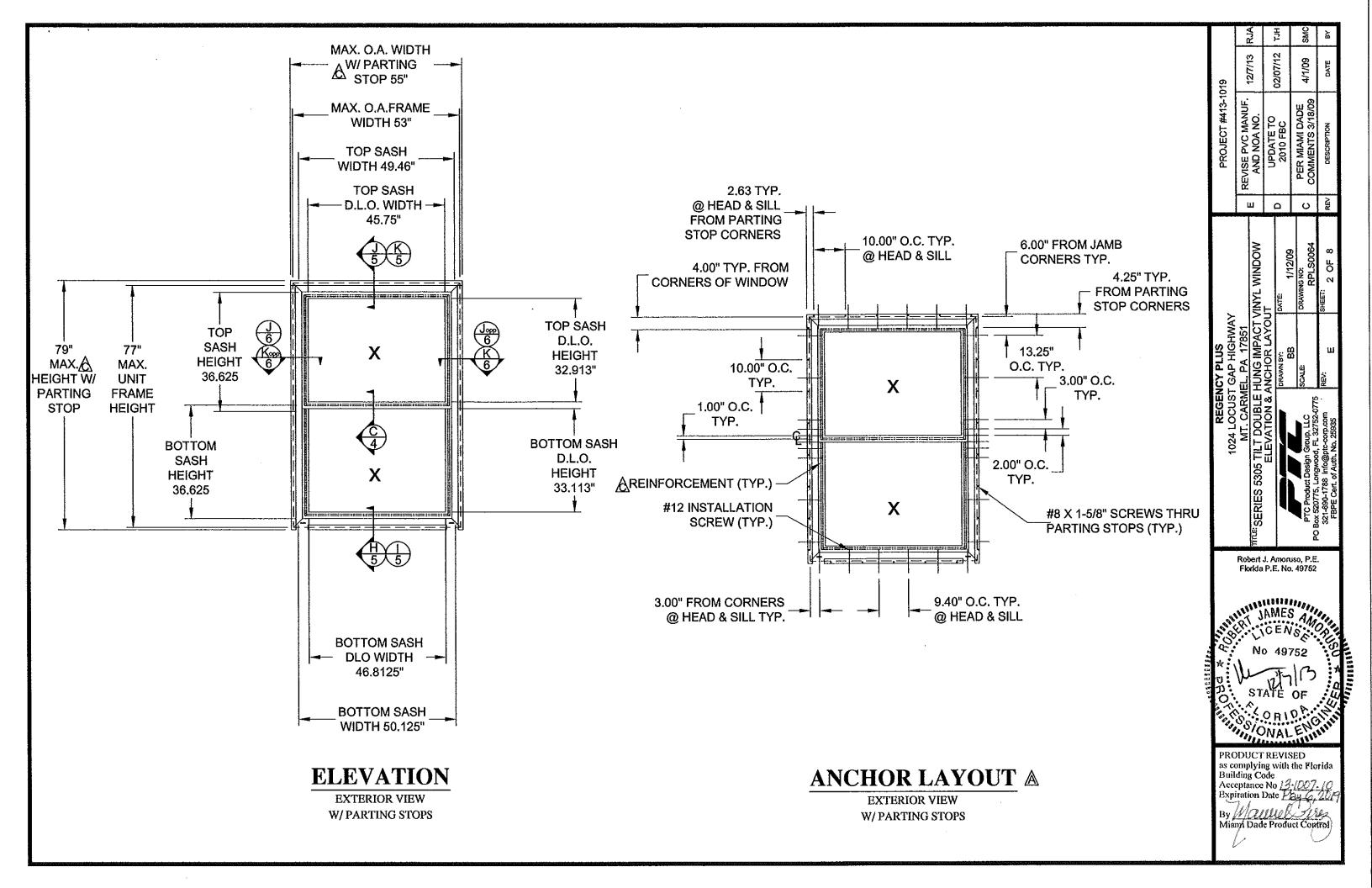
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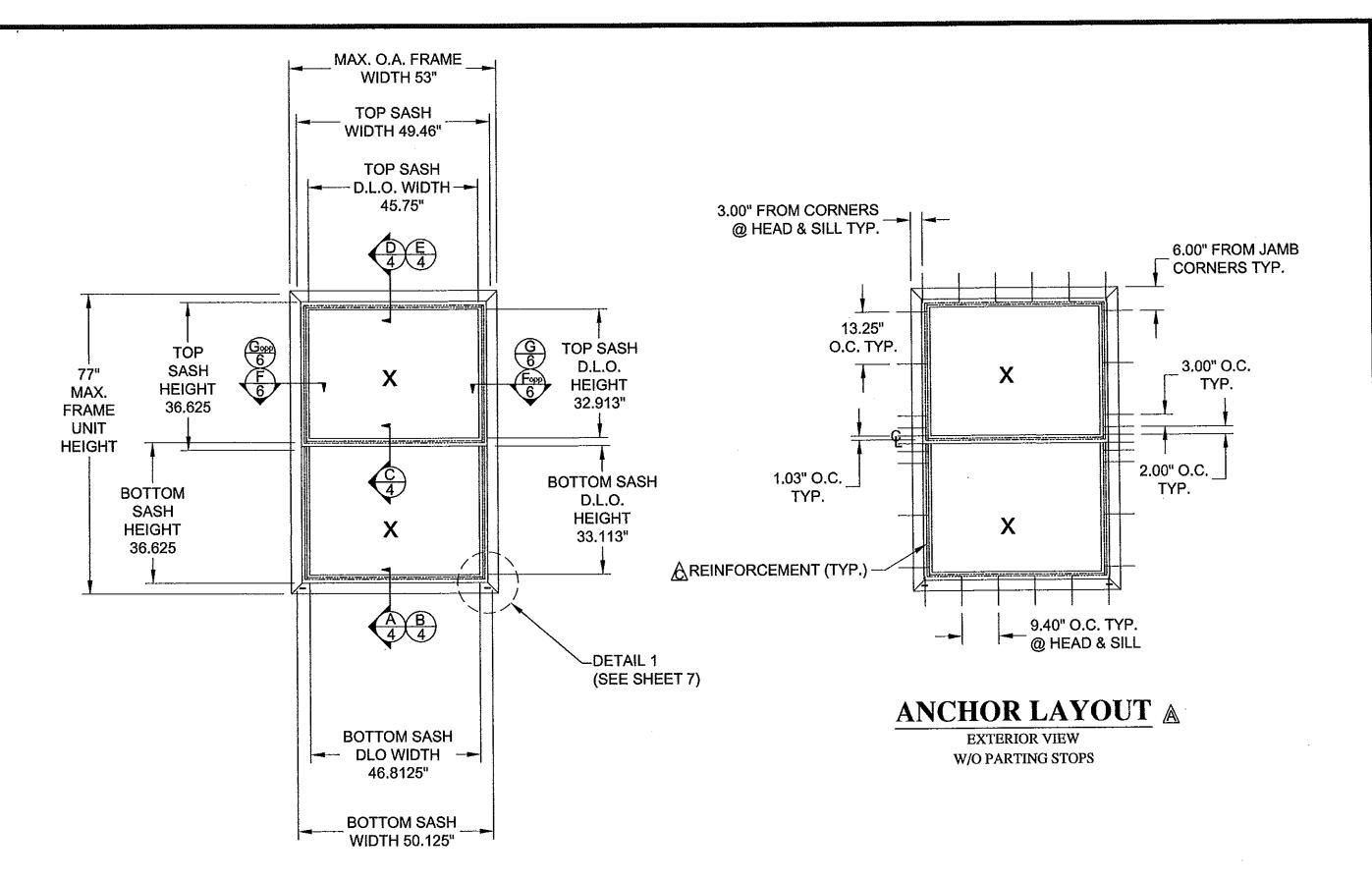
PRODUCT REVISED as complying with the Florida Expiration Date

Miamy Dade Product Control

**DESIGN PRESSURE RATING (PSF)** IMPACT RATING LARGE MISSILE ±55.0 IMPACT

		TABLE OF CONTENTS
SHEET	REV.	SHEET DESCRIPTION
1	D	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	D	ELEVATION & ANCHOR LAYOUT
3	D	ELEVATION & ANCHOR LAYOUT
4	D	VERTICAL SECTIONS
5	D	VERTICAL SECTIONS
6	D	HORIZONTAL SECTIONS & GLAZING DETAIL
7	D	BILL OF MATERIALS AND COMPONENTS
8	D	COMPONENTS & CORNER DETAIL





# **ELEVATION**

EXTERIOR VIEW
W/O PARTING STOPS

REGENCY PLUS	PROJECT #413-1019
こく	
MT. CARMEL, PA 17851	REVISE PVC MANUF. 127713 P.14
TITLE SERIES 5305 TILT DOUBLE HUNG IMPACT VINYL WINDOW	AND NOA NO.
ELEVATION & ANCHOR LAYOUT	UPDATE TO
DRAWN BY:	D 2010 FBC
999	1/12/03
PTC Product Design Group, LLC	600: COMMENTS 3/18/09 4/1/09
321-590-1788 info@pto-com. REV: F	3 OF 8 REV DESCRIPTION DATE

Robert J. Amoruso, P.E. Florida P.E. No. 49752

No 49752

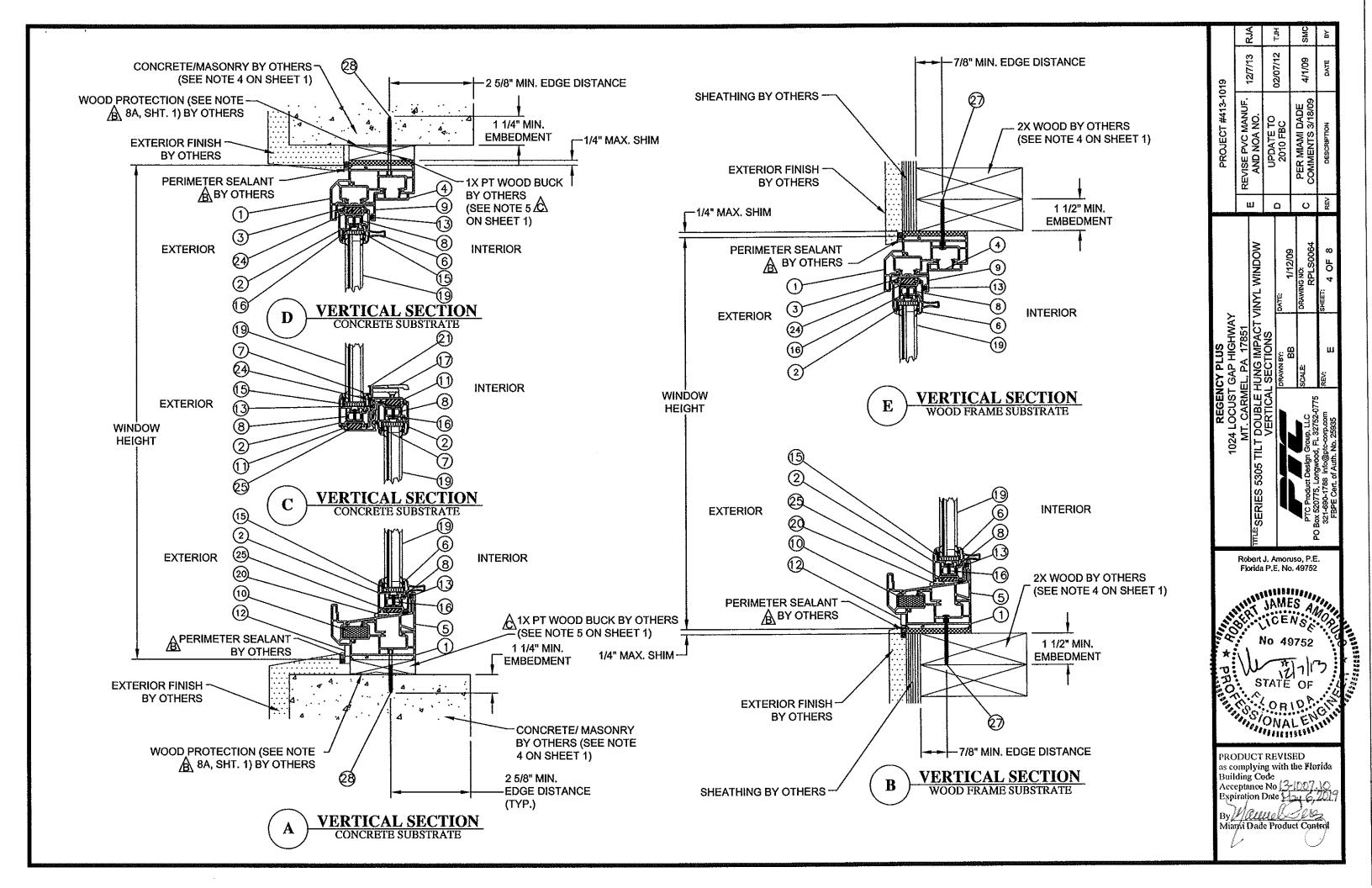
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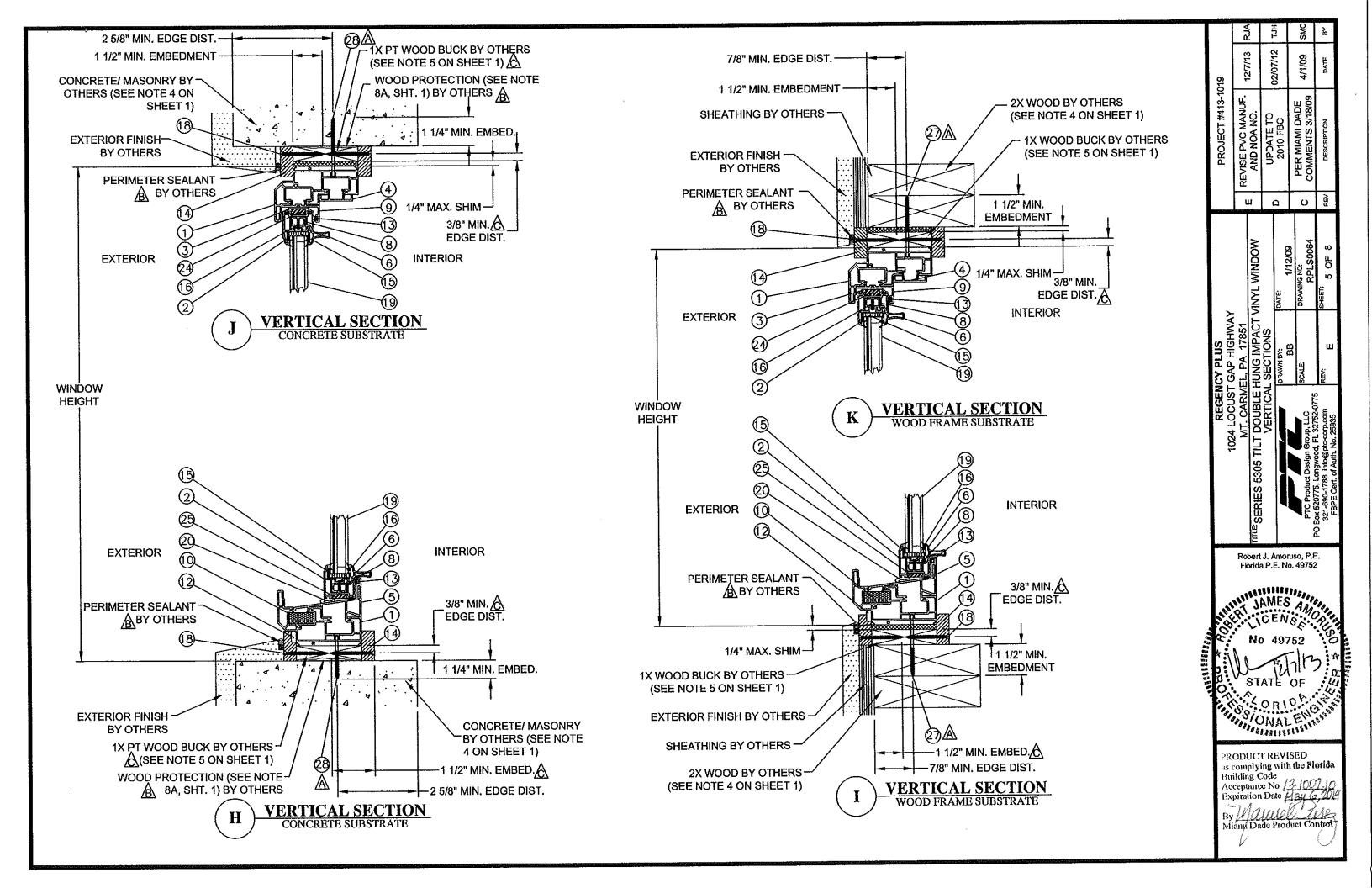
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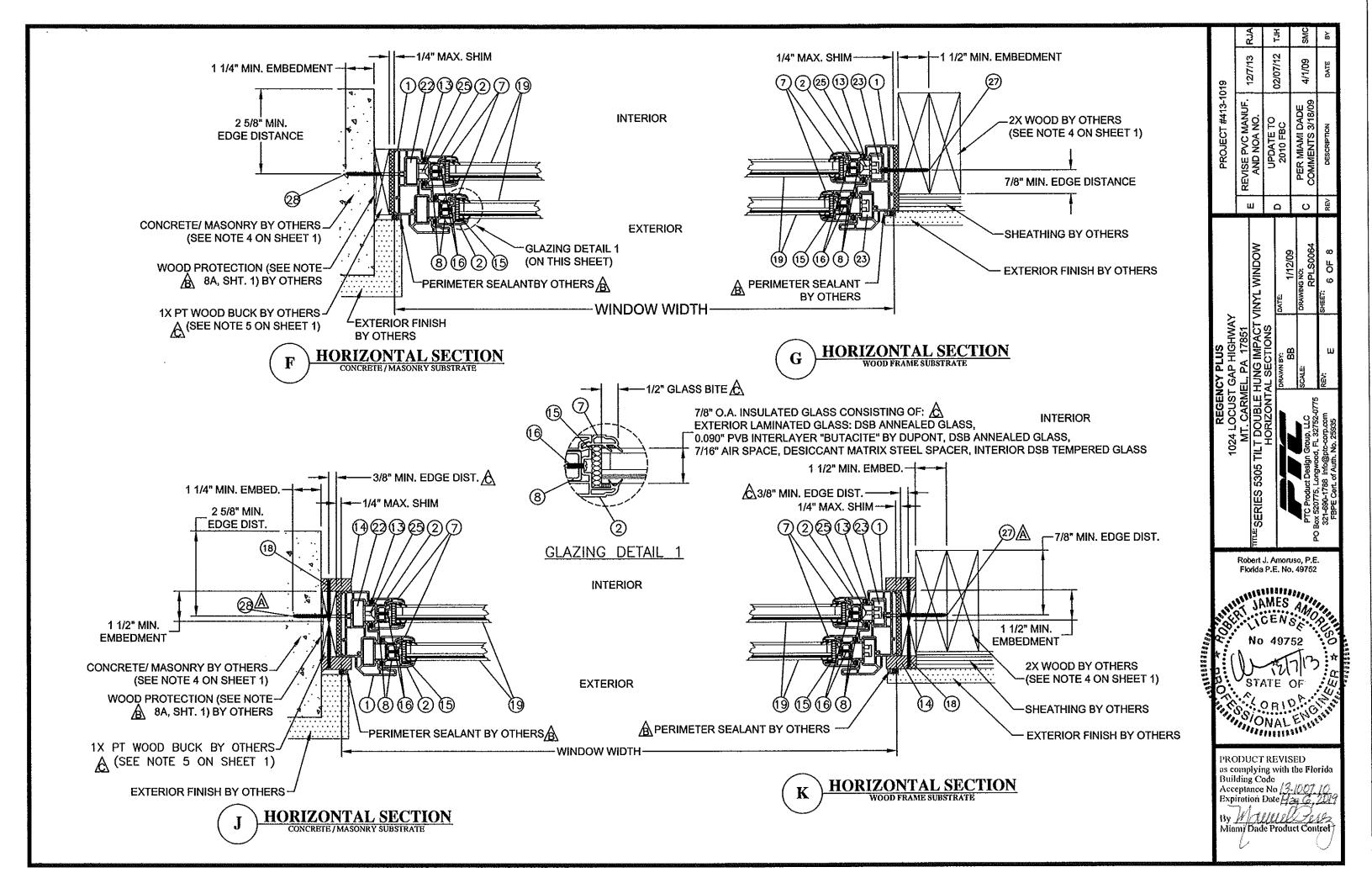
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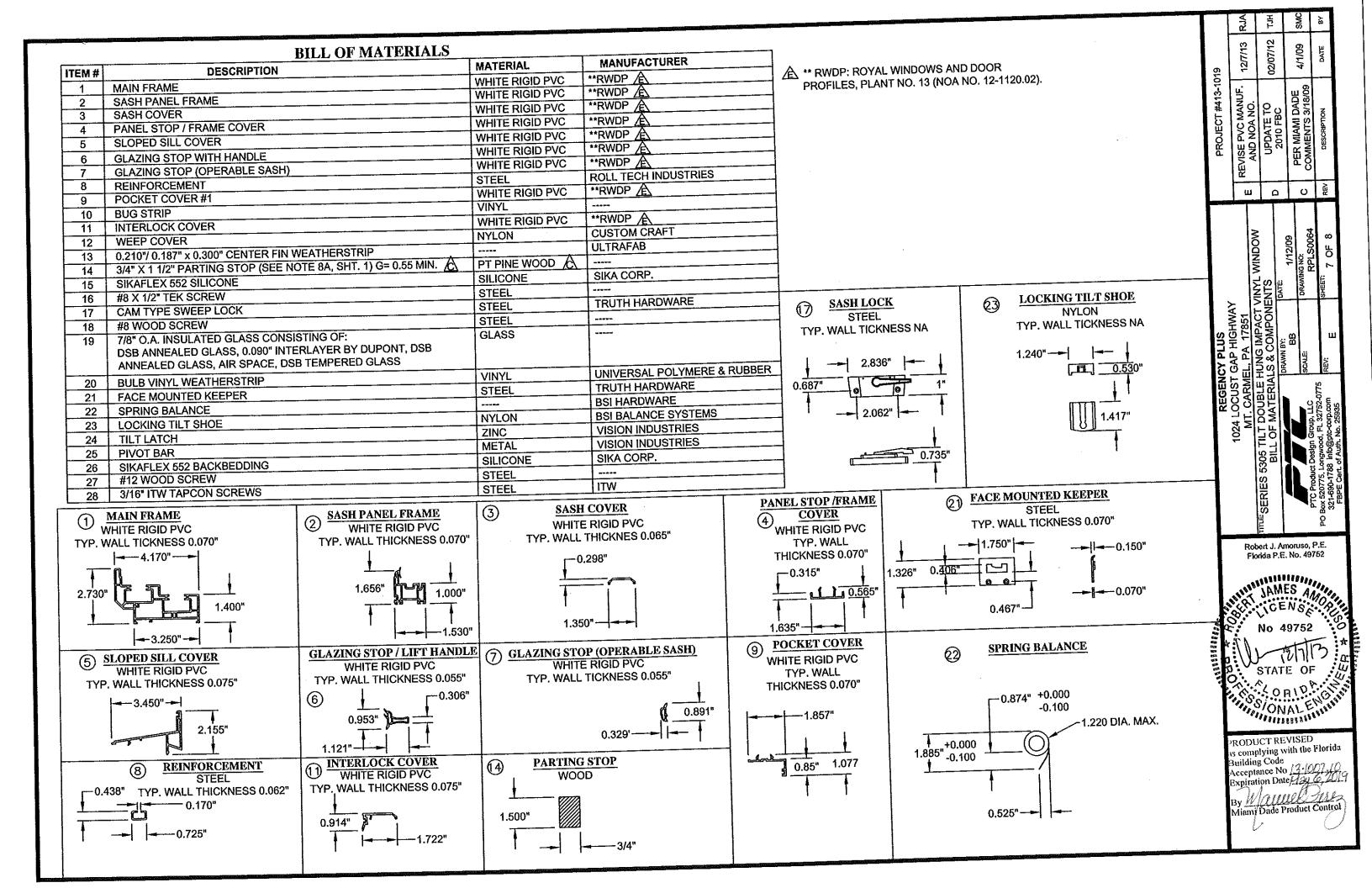
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as complying with the Florida
Building Code
Acceptance No 3-007-10
Expiration Date Hay 6-10F

By Manuel July Miamy Dade Product Control

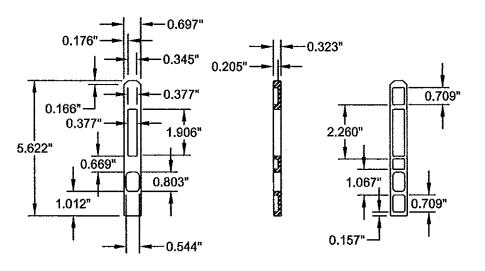




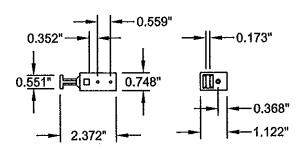


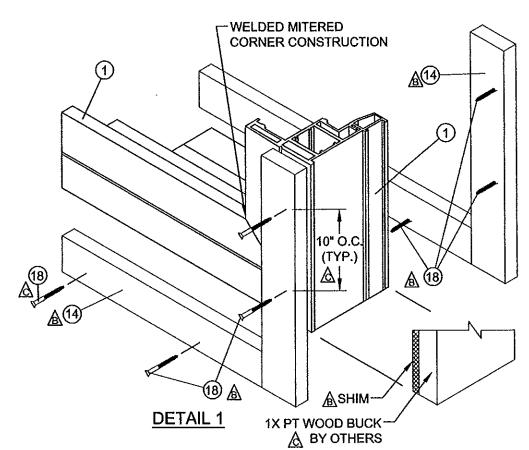


### TILT LATCH ZINCTYP. WALL TICKNESS NA



## 2 PIVOT BAR METALTYP. WALL TICKNESS NA





NOTE: PARTING STOP EXTERIOR PERIMETER TO BE SEALED TO 1X PT WOOD BUCK WITH SIKA 551 SILICONE A

REGENC 1024 LOCUST	REGENCY PLUS 1024 LOCUST GAP HIGHWAY			PROJECT #413-1019	119
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COMPONENTS & CORNER DETAIL	CORNER DET		٠	UPDATE TO	07/20/00
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90 Box 520775, Longwood, Pt. 34732-773 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935	REV:	SHEET: 8 OF 8	REV	DESCRIPTION	DATE

Robert J. Amoruso, P.E. Florida P.E. No. 49752

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PRODUCT REVISED
as complying with the Florida
Building Code Building Code
Acceptance No 13-1007. In
Expiration Date 169. 6, 200
By Manual Joseph Miami Dade Product Control